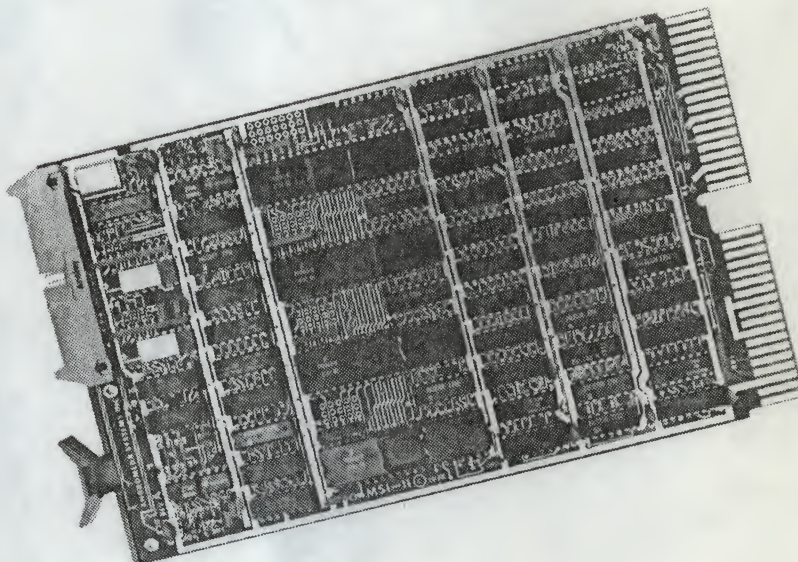


FEATURES

- UP TO 4 ASYNCHRONOUS SERIAL INTERFACES ON ONE DUAL WIDTH CARD
- A PARALLEL PRINTER INTERFACE MAY BE SUBSTITUTED FOR ONE OF THE SERIAL CHANNELS
- EACH SERIAL CHANNEL HAS BOTH RS232 AND 20ma CURRENT LOOP AVAILABLE
- 16 DATA RATES FROM 50Bd. TO 19.2KBd. REMOTELY SELECTABLE
- ALL STANDARD DATA FORMATS: 5-8 DATA BITS, 1, 1.5, OR 2 STOP BITS, EVEN ODD, OR NO PARITY
- INDEPENDENT Q-BUS ADDRESSES FOR EACH CHANNEL AND INDEPENDENT VECTOR ADDRESSES



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DESCRIPTION

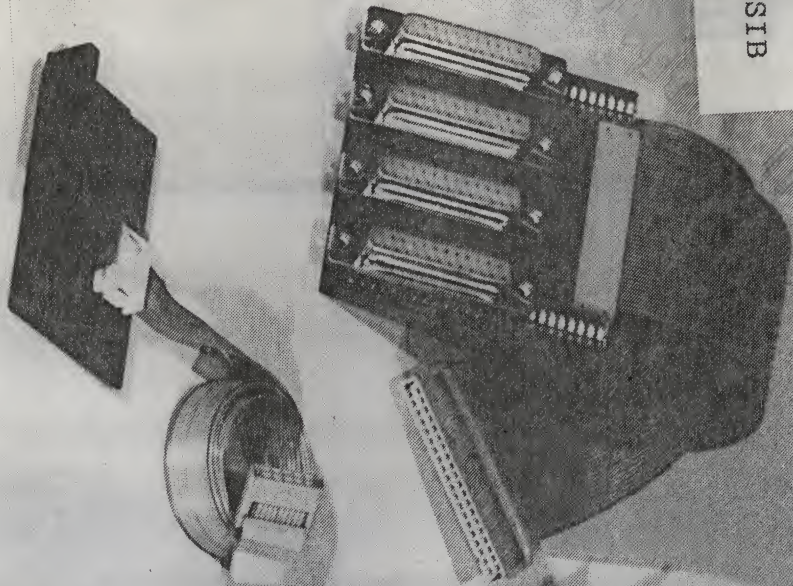
The MSI11 is a dual width card that plugs directly into the LSI-11 Q-Bus. It enables the user to interface up to 4 asynchronous serial lines (or up to 3 serial lines and a parallel printer) to an LSI-11 computer system. Each serial channel is independent in regard to data rate, data format, Q-Bus address, and interrupt vector address. Each channel has its own RS232 and 20ma current loop interfaces. The data rate for each channel may be determined on the card or remotely by jumpers. The 16 data rates are: 50, 75, 110, 134.5, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, 9600, and 19200 baud. The data format is selected for each channel by jumpers on the card.

The MSI11 connects to external devices through a 40 pin connector (in serial-only versions, in serial-parallel versions, a 50 pin connector is used) and a variety of adapter cables. The external adapter cables are of two main types, individual and group. The "individual" cable is split into up to 4 groups of 10 lines which run to separate connector assemblies which provide a 25 pin D-type connector, a switch for remote control of the data rate, and jumpers for selecting the "terminal" or "modem" pinout. The "group" cable is simply a connector assembly that mounts the equivalent of up to 4 "individual" connector assemblies on a single, vertical (rather than horizontal) printed circuit board. Both the "individual" and "group" adapter cables provide for a separate printer adapter if the parallel printer interface is used.

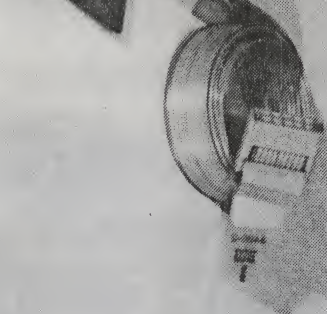
The parallel printer interface may be specified in place of one of the serial channels of the MSI11. This interface will talk to LA180 or Centronics type interfaces with the appropriate external cable and jumper configuration on the MSI11 card.

Both the serial and parallel interfaces are compatible with existing software drivers. When ordering, the user must specify the Q-Bus and interrupt vector addresses of the interface channels. These addresses are fixed PROMS on the card. Standard addresses are available at no extra charge. There is one time tooling charge for non-standard addresses.

CMSIB



CMSIA-1



CMSIA-4



CMSIA-2

